WIFI ANTENNA

Antenna WiFi Adhesive U25, 2.4/5 GHz, 5 dBi, SMA-RP(pin f), RG174/3m

AW-A2458G-S2SRP

SECTRON company offers a wide portfolio of WIFI antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

BENEFITS

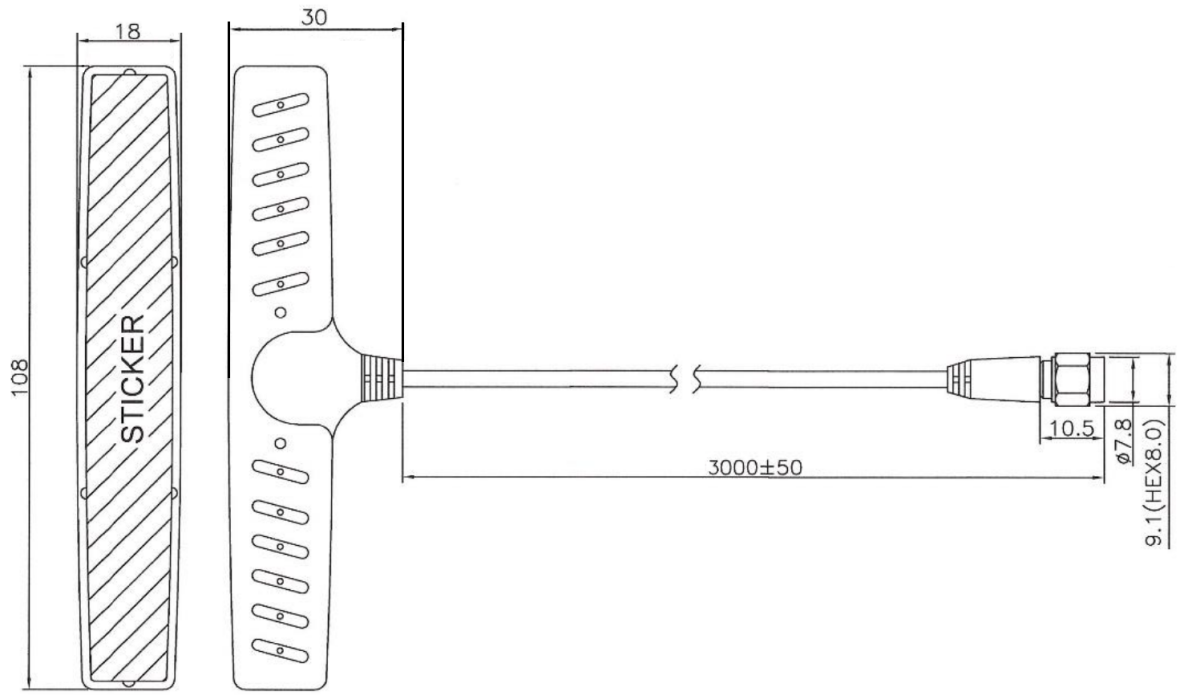
- Low VSWR
- Easy installation

FEATURES

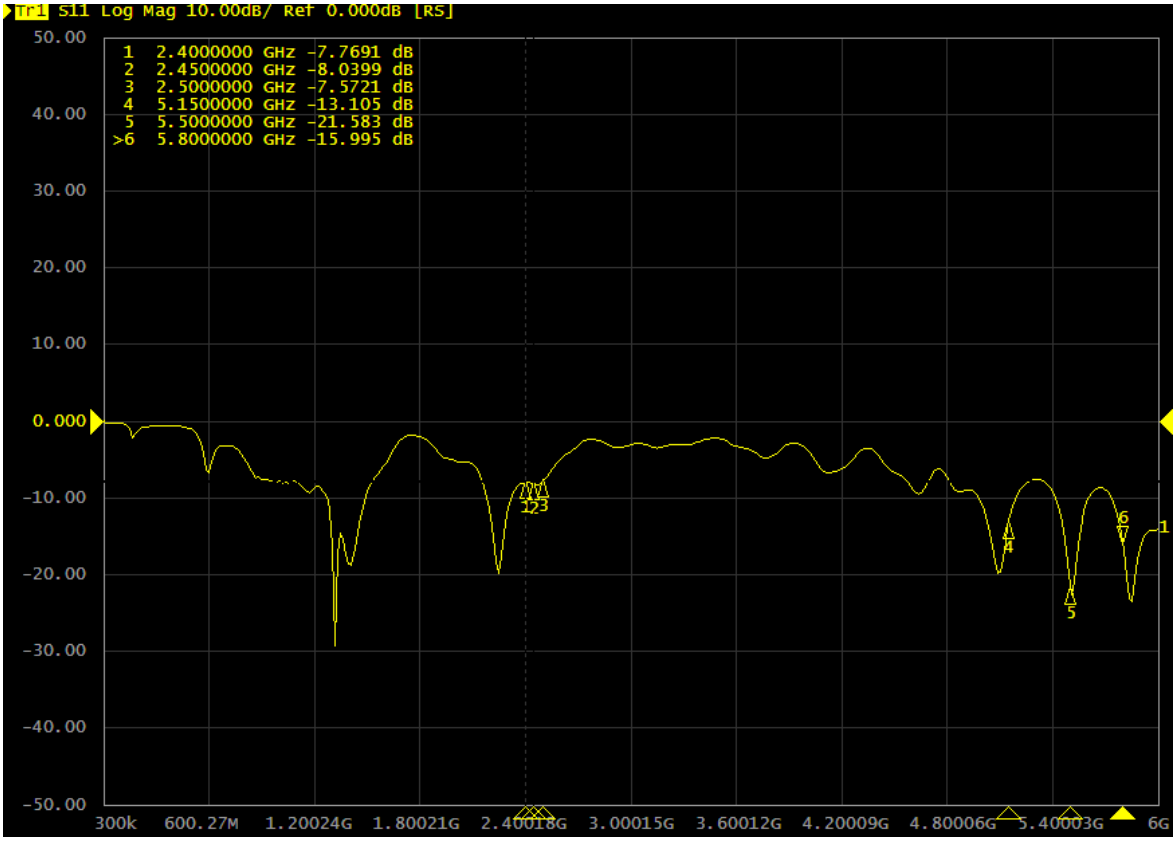
AW-A2458G-S2SRP

Technology	WiFi
Frequency bands	2.4/5 GHz
Bandwidth	-
Gain	5 dBi
VSWR	<1.55:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Via attached graphs
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	108 x 30 mm
Weight	48.3 g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Adhesive
Cable type	RG174/U
The cable length	3 m
Connector type	SMA-RP(pin f)
Certification	RoHS

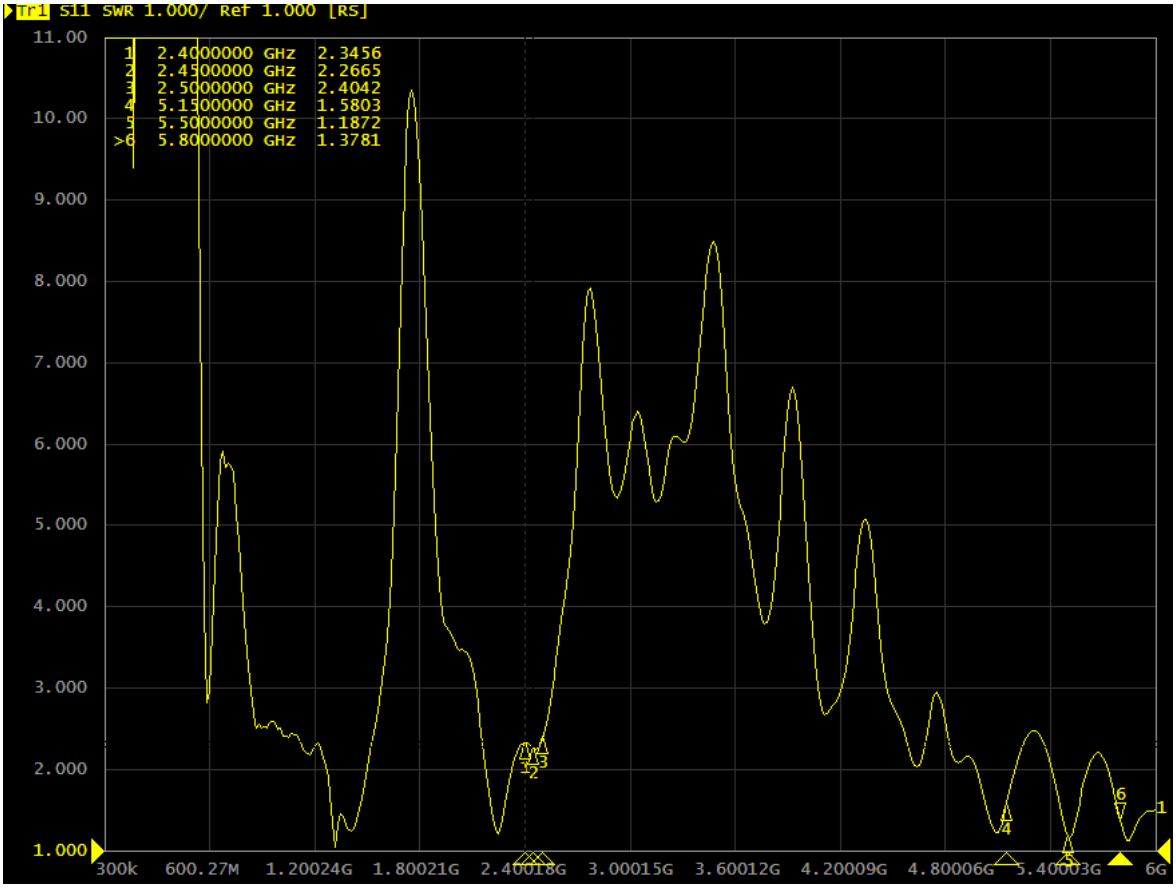
DRAWING



S_{11} - Return Loss [dB]

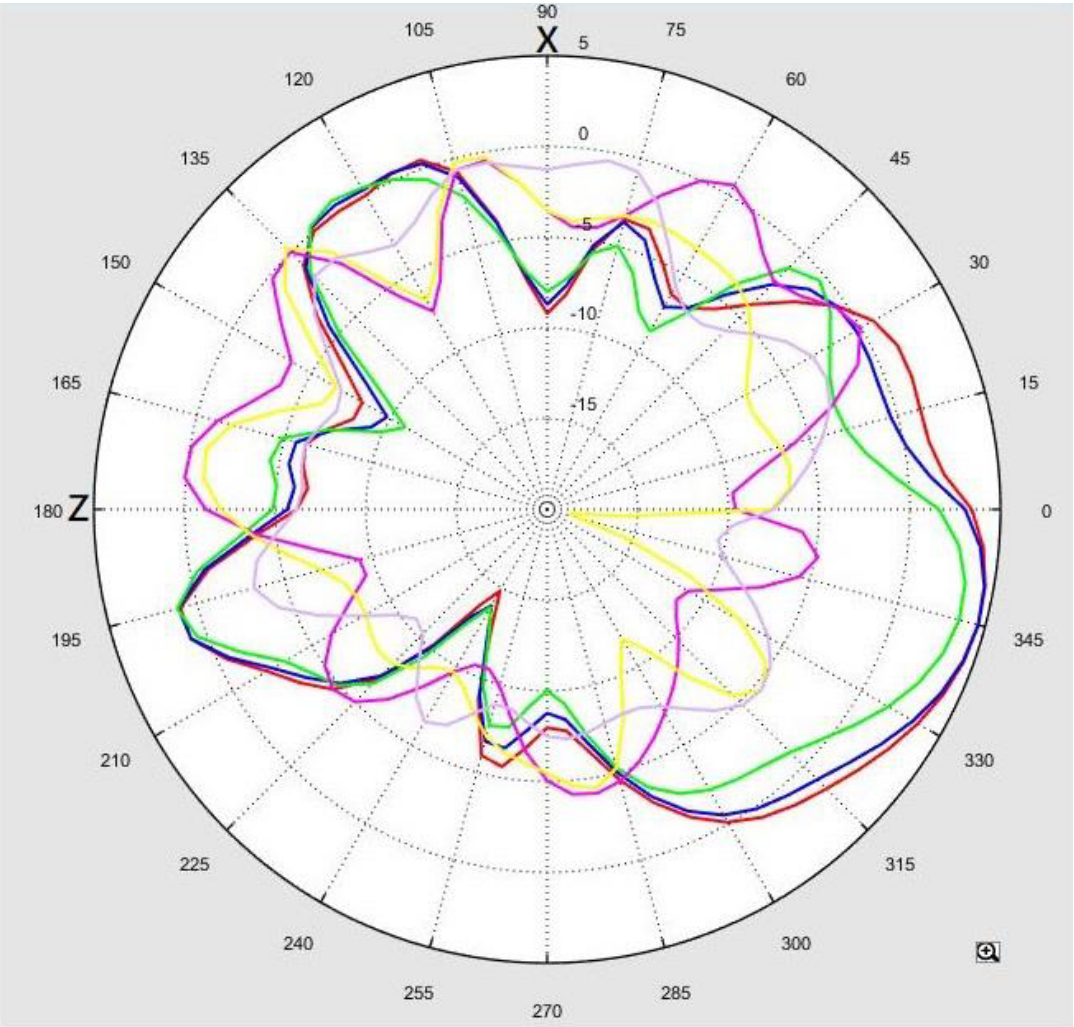


VSWR – Voltage standing wave ratio [-]



2D RADIATION PATTERN

Freq. / Chan.	Color
2.4GHz	
2.45GHz	
2.5GHz	
5.15GHz	
5.5GHz	
5.8GHz	



SUMMARY

AW-A2458G-S2SRP

Frequency [MHz]	S_{11} [dB]	VSWR [-]	Efficiency [%]	Gain [dBi]
2400	-7.76	2.34	52	5.03
2450	-8.03	2.26	48.42	5
2500	-7.57	2.40	40.93	3.87
5150	-13.10	1.58	33.34	2.14
5500	-21.58	1.18	27.1	2.45
5800	-15.99	1.37	27.23	1.71

VARIANTS

AW-A2458G-S2SRP

Different connector variants or cable lengths are available on request.

CONTACTS

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